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SOURCE Newspapers as indicated.

DEVELOP IMPROVED PRODUCTS,  
CONSTRUCT BUILDING MATERIALS PLANTS

DEVELOP FAST DRYING CEMENT -- Berlin, Nachrichten fuer Aussenhandel, 17 Feb 51

Cement combines of Polish design are being used in the construction of factory buildings in Piotrkow Trybunalski, now underway under Soviet supervision. The machines produce a complete shop unit of about 450 square meters, including a roof. Building time is reduced considerably by the use of this machine, since operations are not dependent on weather conditions. The introduction of an improved method of supplying steam has shortened the time required for hardening of the cement from several weeks to only 24 hours.

PRODUCE CLAY AND CEMENT BRICK -- Lodz, Dziennik Lodzki, 10 Oct 50

The Technical Building Institute has been experimenting in the use of new building materials at its experimental center in Ksawerowo near Warsaw.

A pilot plant for the production of clay and cement brick is one of the projects. The new brick does not require baking, can be used immediately after it is dried, and is not affected by atmospheric conditions.

The clay and cement brick is less costly to produce than ceramic brick, has greater load resistance, and is excellent for rural construction, factory construction, and the construction of smaller urban buildings.

NEW CEMENT PLANT BEING BUILT -- Warsaw, Glos Pracy, 21 May 51

A modern cement plant is being built at Wierzbica near Radom. Polish engineers aided by Soviet engineers are now designing the workshops. The USSR will supply machinery for the plant.

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BUILD PLANT FOR PREFABRICATED BUILDING MATERIALS -- Mannheim, Ostatnie  
Wiedomosci, 6 Sep 50

A group of factories for the manufacture of prefabricated building materials is being built in Zeran-Pludy, an isolated locality in Warsaw Wojewodztwo. This plant is to produce basic products used in special construction work, including prestressed concrete, Siporex, vibrated concrete, high-grade mortar, mortar for special construction, asbestos-cement pipe, and marble-concrete pipe.

The new plant is being built with great speed. A legion of young workers is employed in the construction work.

SAWDUST USED FOR BUILDING MATERIAL -- Berlin, Nachrichten fuer Aussenhandel,  
23 Dec 50

The Institute of Technology in Gdansk has conducted successful experiments in the production of lightweight concrete using sawdust. Especially useful is the sawdust of coniferous trees, containing turpentine, resin, and tar oil. The sawdust is treated with a mineral binder. A major part of the annual production of 690,000 cubic meters of sawdust has heretofore been wasted.

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